

ABSTRACT OF THE DISCLOSURE

A method and apparatus for selectively applying image enhancement processing to parts of an image. In one embodiment, spatial processing transformations, such as sharpening for example, are reduced or bypassed for pixels having color code values within a range known to be adversely affected by the spatial processing transformations. In another embodiment, color correction processing transformations are bypassed for pixels having color code values within a neutral color range. These neutral colors may have a gray-correction transformation applied in order to better separate the neutral colors from the other colors. According to another embodiment, color code values for pixels are transformed to two or more different color spaces. If a color correction transformation will have adverse affects on a pixel in one color space, corrected data from a different color space can be utilized for the pixel.

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